

FIG. 1

The diagram illustrates a sequence of events over time, with a vertical axis labeled 'time' and a horizontal axis representing the sequence of events. The participants are client A, meta-data server, storage server, and client B. The events are as follows:

- T1:** client A sends a **lease request** to meta-data server.
- T2:** meta-data server sends a **lease** to client A.
- T3:** client A sends a **write** to storage server.
- T4:** A dashed horizontal line indicates a time boundary.
- T5:** client B sends a **lease request** to meta-data server.
- T6:** meta-data server sends a **lease** to client B.
- T7:** client B sends a **write** to storage server.
- T8:** storage server sends a **response** to client B.
- T9:** storage server sends a **response** to client A.
- T10:** client A sends a **response** to meta-data server.

FIG. 2

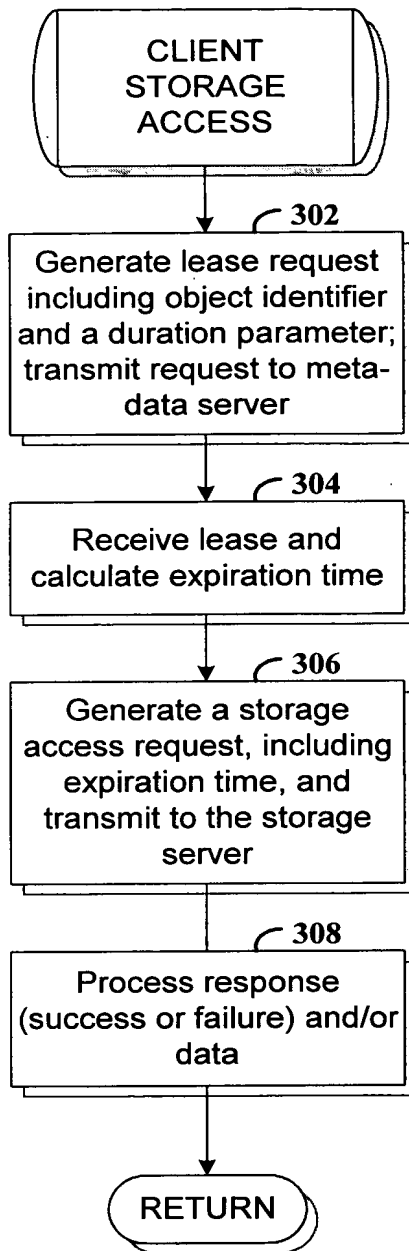


FIG. 3

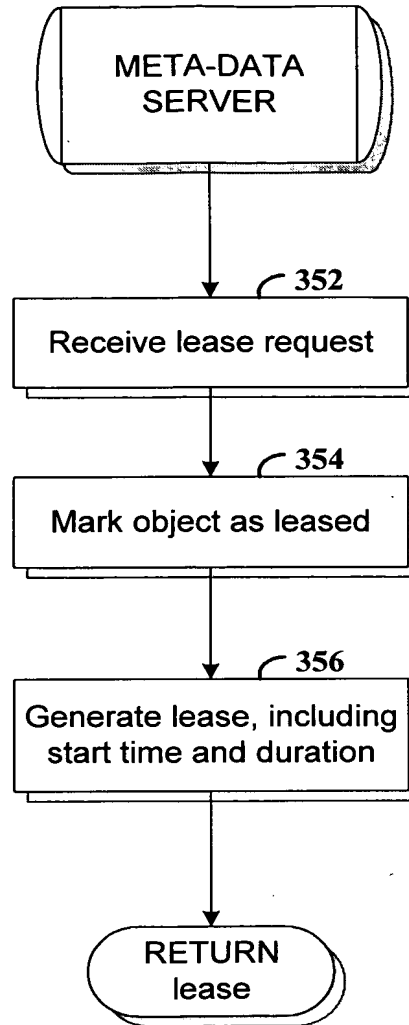


FIG. 4

FIG. 5

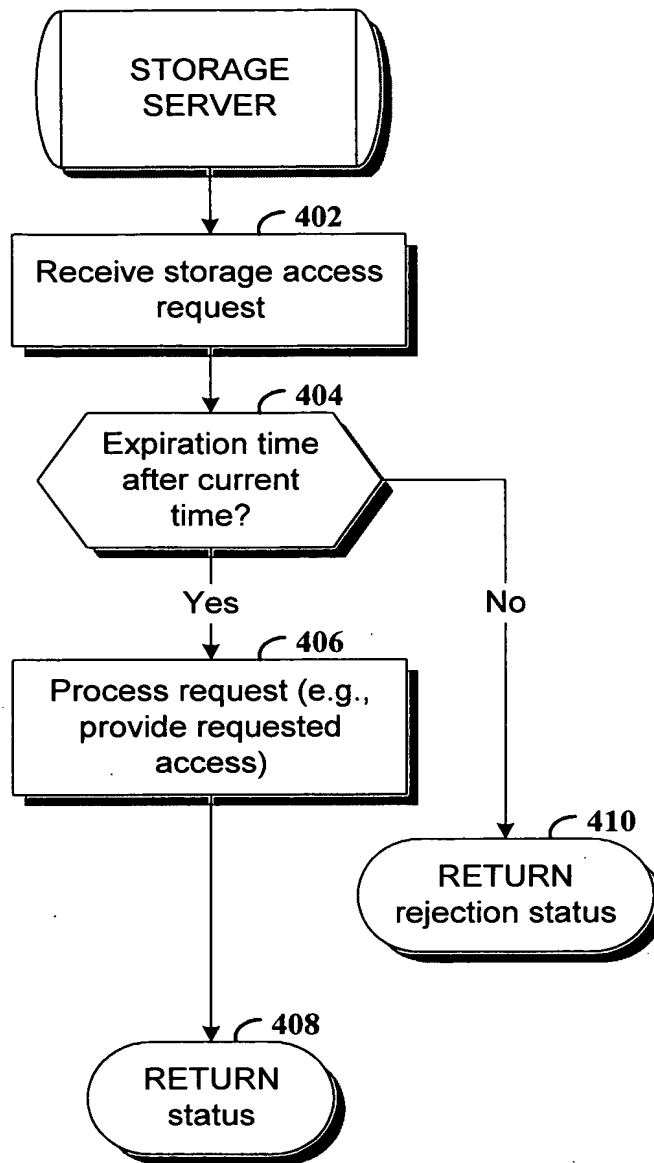


FIG. 5